

EPIGRAM

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EBOLA: IDENTIFY, ISOLATE AND INFORM

While efforts are ongoing to halt the Ebolavirus outbreak in West Africa, preparedness efforts by the Florida Department of Health (DOH) are escalating in the event the disease reaches the confines of our state. **Moreover, it is imperative that our medical community be able to identify, isolate and inform in the event that Ebolavirus Disease (EVD) presents in our county.**

Identify: A potential case of Ebola will present with fever, headache, joint and muscle aches, weakness, fatigue, diarrhea, vomiting, stomach pain and lack of appetite, and in some cases bleeding. In addition to being clinically compatible, individuals must have traveled to West Africa (Guinea, Liberia, Nigeria, Senegal, Sierra Leone or other countries where EVD transmission has been reported by WHO) or the Democratic Republic of Congo within 21 days (3 weeks) of symptom onset.



Isolate: After identifying a potential Ebolavirus case, isolate the patient in a private room with a private bathroom and restrict access to anyone other than relevant medical staff. Standard, contact and droplet precautions should be enforced upon entering the patient's room and while interacting with the patient. Proper personal protective equipment should be worn in conjunction with the aforementioned transmission based precautions. For more information regarding the appropriate donning and doffing of necessary PPE please visit <http://www.cdc.gov/vhf/ebola/pdf/ppe-poster.pdf> Additional PPE may be warranted if there is the potential for coming into contact with copious amounts of bodily fluids.



Inform: Following the isolation of a potential case, call 911 and inform them of the potential case, elucidating symptoms and travel history. Following contact with emergency medical services, immediately call and inform the Florida Department of Health - Nassau County Epidemiology staff at (904) 548-1800 x. 5209, 5204, 5300 or afterhours at (866) 535-0420.



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DISEASE REPORTING	FLORIDA DEPARTMENT OF HEALTH NASSAU COUNTY CONTACTS	FLORIDA DEPARTMENT OF HEALTH NASSAU COUNTY CLINIC SITES	
Phone: (904) 548-1800	<u>Eugenia Ngo-Seidel, MD, MPH (Director)</u> (904) 548-1800 x 5212 Eugenia.Ngo-Seidel@flhealth.gov	<u>Fernandina Beach Clinic</u> 1620 Nectarine Street Fernandina Beach, FL 32034 (904) 548-1860	<u>Callahan Clinic</u> 208 Mickler Street Callahan, FL 32011 (904) 879-2306
Confidential Fax Line: (904) 277-7286	<u>Kim Geib, DNP, ARNP (PH Manager)</u> (904) 548-1800 x 5204 Kim.Geib@flhealth.gov		
After Hours Lines: (866) 535-0420 (toll free)	<u>Will Johnston, MPH, CPH (Epidemiologist)</u> (904) 548-1800 x 5209 William.Johnston@flhealth.gov <u>Meredith Phillips, MPH (Fellow, FL-EIS)</u> (904) 548-1800 x 5300 Meredith.Phillips@flhealth.gov <u>Vicki Roberts (Administrative Secretary)</u> (904) 548-1800 x 5328 Vicki.Roberts@flhealth.gov	<u>Yulee Clinic</u> 528 Page's Dairy Road Yulee, FL 32097 (904) 548-1880	<u>Hilliard Clinic</u> 37203 Pecan Street Hilliard, FL 32046 (904) 845-5761



ARBOVIRUS SURVEILLANCE UPDATE

Week 41 October 5-11, 2014

Arbovirus surveillance in Florida includes endemic mosquito-borne viruses such as West Nile virus (WNV), Eastern equine encephalitis virus (EEEV), and St. Louis encephalitis virus (SLEV), as well as exotic viruses such as dengue virus (DENV), chikungunya virus (CHIKV) and California encephalitis group viruses (CEV). Malaria, a non-viral mosquito-borne disease is also included. During the period of October 5-11, 2014 the following arboviral activity was recorded in Florida.

WNV activity: No human cases of WNV illness were reported this week. No horses with WNV infection were reported this week. Thirty sentinel chickens tested positive for antibodies to WNV this week in Alachua, Brevard, Charlotte, Citrus, Flagler, Hillsborough, **Nassau**, Orange, Pinellas, Putnam, Seminole, St. Johns, Sumter, Volusia, and Walton Counties. In 2014, positive samples from 175 sentinel chickens, 5 horses, 10 human cases, and 2 asymptomatic blood donors have been received from 27 counties.

EEEV activity: No human cases of EEE were reported this week. No horses with EEEV infection were reported this week. No sentinel chickens tested positive for antibodies to EEEV this week. In 2014, positive samples from 154 sentinel chickens, 2 deer, and 55 horses have been received from 32 counties.

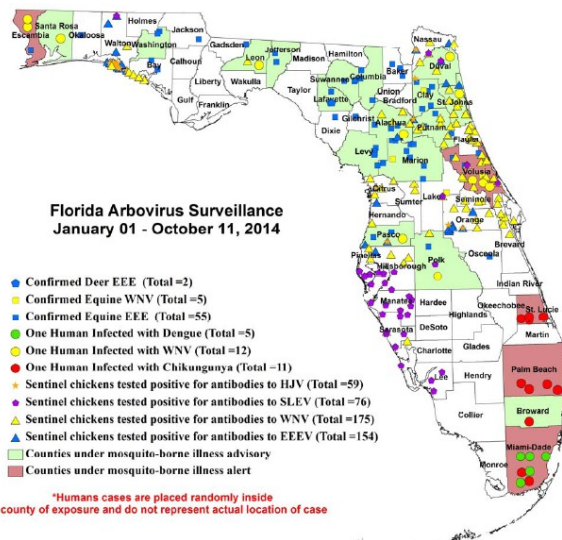
International Travel-Associated Dengue Fever Cases: Two cases of dengue fever were reported this week in persons that had international travel. In 2014, 64 travel-associated cases have been reported.

Dengue Fever Cases Acquired in Florida: No new cases of locally acquired dengue fever were reported this week. In 2014, a total of five cases of locally acquired dengue fever have been reported.

International Travel-Associated Chikungunya Fever Cases: Twelve cases of chikungunya fever were reported this week in persons that had international travel. In 2014, 272 travel-associated cases have been reported.

Chikungunya Fever Cases Acquired in Florida: No new cases of locally acquired chikungunya fever were reported this week. In 2014, a total of 11 cases of locally acquired chikungunya fever have been reported.

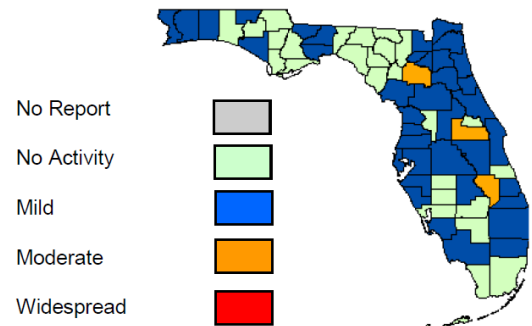
Advisories/Alerts: Alachua, Broward, Clay, Columbia, Duval, Jefferson, Leon, Levy, Lafayette, Marion, Pasco, Polk, Putnam, Santa Rosa, St. Johns, Suwannee and Washington Counties are currently under a mosquito-borne illness advisory. Escambia, Miami-Dade, Palm Beach, St. Lucie and Volusia Counties are currently under a mosquito-borne illness alert. No other counties are currently under mosquito-borne illness advisory or alert. A CDC Health Alert Network (HAN) health advisory was issued in December for the Caribbean region announcing the first locally acquired cases of chikungunya fever in the Americas. There is a Level 1 (Watch) Travel Health Notice from the CDC for multiple countries in the Caribbean related to the continued transmission of chikungunya which was updated August 11, 2014. <http://wwwnc.cdc.gov/travel/notices/watch/chikungunya-caribbean>



INFLUENZA SURVEILLANCE UPDATE

State Influenza and ILI activity:

- **Most Florida counties are reporting mild influenza activity.** In week 41, 19 counties reported increasing influenza activity; 39 counties indicated activity is at a plateau.
- **Emergency department (ED) and urgent care center (UCC) influenza-like illness (ILI) visits have remained low but are increasing in all regions, which is typical for this time of year.**
 - Pregnant women are among those at high risk for severe complications due to influenza infection. More information can be found here: http://www.floridahealth.gov/diseases-and-conditions/influenza/_documents/2013/flu-fact-sheet-pregnant-women.pdf.
- **In Florida, the most common influenza subtype detected at the Bureau of Public Health Laboratories (BPHL) in recent weeks has been influenza A (H3):** In week 41, 18 of 29 specimens submitted for influenza testing at BPHL were PCR positive for influenza. Five were PCR positive for influenza B and thirteen for influenza A (H3). These are seasonal strains of influenza.
 - **No influenza or ILI outbreaks (epidemiologically-linked cases of influenza in a single setting) were reported in week 41.**
 - **No pediatric influenza-associated deaths were reported in week 41.**



Three counties reported moderate activity.

Enterovirus D68 Activity:

- Enterovirus D68 (EV-D68) is one of more than 100 non-polio enteroviruses. This virus was first identified in California in 1962. The U.S. is currently experiencing a nationwide outbreak of enterovirus D68 (EV-D68) associated with severe respiratory illness.
- **Two cases of EV-D68 have been confirmed in Florida residents. Both cases have since recovered and are in good condition.**

FDOH-NASSAU HEALTH BULLETINS, ADVISORIES AND ALERTS ISSUED

Bulletins

- ✦ *Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the Advisory Committee on Immunization Practices – United States, 2014–2015.* 8/22/14. Florida Department of Health
- ✦ *Guidance on Enterovirus D68 for Healthcare Providers and Laboratories.* 9/11/14. Florida Department of Health

Advisories

- ✦ *Health Officials Urge Residents to “Beat the Heat.”* 8/22/14. Florida Department of Health – Nassau County

Alerts

- ✦ *Ebola Response Update #2.* 8/22/14. Centers for Disease Control and Prevention.

For additional information regarding bulletins, advisories and alerts visit our website or the Department of Health's Online Newsroom at: <http://www.nassaucountyhealth.org> and <http://newsroom.doh.state.fl.us>

September 2014 Reported Cases in Nassau County with Previous Three-Year Period Comparison

Disease Name	Selection Date 09/01/2014 - 09/30/2014		Compare Date 1 09/01/2013 - 09/30/2013		Compare Date 2 09/01/2012 - 09/30/2012		Compare Date 3 09/01/2011 - 09/30/2011	
	Cases	Rates*	Cases	Rates*	Cases	Rates*	Cases	Rates*
County: NASSAU								
Campylobacteriosis	1	1.31	1	1.34	0	0.00	1	1.35
Chikungunya Fever	1	1.31	0	0.00	0	0.00	0	0.00
Cryptosporidiosis		0.00	1	1.34	0	0.00	0	0.00
Dengue Fever		0.00	1	1.34	0	0.00	0	0.00
Haemophilus influenzae Invasive Disease		0.00	1	1.34	0	0.00	0	0.00
Hepatitis B, Acute	1	1.31	0	0.00	0	0.00	0	0.00
Hepatitis B, Chronic		0.00	0	0.00	1	1.34	2	2.71
Hepatitis B, Surface Antigen in Pregnant Women		0.00	0	0.00	0	0.00	1	1.35
Hepatitis C, Chronic	6	7.87	5	6.69	9	12.08	5	6.77
Legionellosis	1	1.31	0	0.00	0	0.00	0	0.00
Lyme Disease	1	1.31	0	0.00	1	1.34	0	0.00
Pertussis		0.00	7	9.37	0	0.00	1	1.35
Rabies, Possible Exposure	1	1.31	0	0.00	1	1.34	3	4.06
Salmonellosis	7	9.18	9	12.04	6	8.06	6	8.13
Shigellosis	1	1.31	0	0.00	0	0.00	1	1.35
Varicella (Chickenpox)	1	1.31	0	0.00	0	0.00	1	1.35
West Nile Virus Neuroinvasive Disease		0.00	1	1.34	0	0.00	0	0.00
Total:	21	27.53	26	34.80	18	24.16	21	28.44
STATEWIDE TOTAL								
Campylobacteriosis	237	1.21	215	1.11	254	1.33	205	1.08
Chikungunya Fever	66	0.34	0	0.00	0	0.00	0	0.00
Cryptosporidiosis	487	2.49	49	0.25	43	0.23	45	0.24
Haemophilus influenzae Invasive Disease	9	0.05	9	0.05	21	0.11	14	0.07
Hepatitis B, Acute	43	0.22	36	0.19	24	0.13	25	0.13
Hepatitis B, Chronic	392	2.00	290	1.50	556	2.92	492	2.60
Hepatitis B, Surface Antigen in Pregnant Women	55	0.28	34	0.18	26	0.14	43	0.23
Hepatitis C, Chronic	2,132	10.90	1,781	9.22	2,951	15.50	1,938	10.24
Legionellosis	27	0.14	28	0.14	25	0.13	20	0.11
Lyme Disease	23	0.12	27	0.14	11	0.06	12	0.06
Pertussis	45	0.23	68	0.35	35	0.18	30	0.16
Rabies, Possible Exposure	275	1.41	208	1.08	165	0.87	174	0.92
Salmonellosis	810	4.14	838	4.34	869	4.56	787	4.16
Shigellosis	146	0.75	158	0.82	131	0.69	172	0.91
Varicella (Chickenpox)	65	0.33	52	0.27	44	0.23	64	0.34
West Nile Virus Neuroinvasive Disease	7	0.04	1	0.01	17	0.09	7	0.04
Total:	4,819	24.65	3,794	19.65	5,172	27.17	4,028	21.27